



**ST HELENA PUBLIC HEALTH LABORATORY**  
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**WATER CHEMISTRY TEST REPORT**

**REPORT NUMBER: 0024/24**  
**ISSUE DATE: 08/03/2024**

**Sample type: Treated Water**

**Sample collection details:** Collected by: Darren Isaac

On behalf of: Connect St Helena

Collection date: 28/02/2024 Testing Date: 28/02/2024-07/03/2024

Lab No.	Sample Details			
	W024/1	W024/2	W024/3	W024/4
Parameter	Red Hill	Hutt's Gate	Level wood	Jamestown
Conductivity (µS/cm)	227	372	210.4	506
pH (units)	6.98	7.17	6.85	7.33
Sodium	21.2	35.7	22.7	55.4
Chloride	NR	NR	NR	NR
Manganese	0.5	0.5	0.3	0.2
Sulphate	8	11	8	28
Aluminium	0.046	0.022	0.015	0.009
Iron	NE	NE	NE	NE
Copper	0.00	0.00	0.01	0.00
Nitrate	0.7	0.9	0.5	1.0
Nitrite	5	2	4	3
Potassium	1.7	2.0	1.1	2.0
Phosphate	0.58	0.29	0.17	0.74
Hardness (Mg)	3.29	2.63	3.75	3.29
Hardness (Ca)	NR	NR	NR	NR

Results in mg/l except where stated otherwise

\*See accompanying notes in the email.

<b>Reported by Food Microbiologist:</b>	Kudzaiishe Nayoto	<b>Signature:</b>		<b>Date:</b>	08/03/2024
<b>Checked by Ag Quality Manager:</b>	Geoffrey Benjamin	<b>Signature:</b>		<b>Date:</b>	08/03/2024
<b>Authorized by Lab Manager:</b>	Geoffrey Benjamin	<b>Signature:</b>		<b>Date:</b>	08/03/2024

NE – Not examined

NR – Not reported

Notes:

1. All Tests on this report are **NOT** UKAS accredited
2. **Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.**
3. These results relate **ONLY** to the samples as received and tested.
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